PATENT COOPERATION TREATY

PCT

INTERNATIONALSEARCHREPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 00000PCT7503	FOR FURTHER ACTION as we	see Form PCT/ISA/220 ell as, where applicable, item 5 below.
International application No. PCT/JP 2004 / 016781	International filing date (day/month/year) 05.11.2004	(Earliest) Priority Date (day/month/year) 14.11.2003
Applicant SEMICONDUCTOR ENE	RGY LABORATORY CO.,	LTD.
This international search report has been to Article 18. A copy is being transmitted	orepared by this International Searching Authors to the International Bureau.	ority and is transmitted to the applicant according
This international search report consists It is also accompanied by a	of a total of2 sheets. copy of each prior art document cited in this	s report.
language in which it was filed, ur the international sear this Authority (Rule b. With regard to any nucleot Certain claims were foun Unity of invention is lack With regard to the title, the text is approved as sub	chess otherwise indicated under this item. ch was carried out on the basis of a translation 23.1(b)). ide and/or amino acid sequence disclosed in d unsearchable (See Box II). ing (See Box III).	ne basis of the international application in the international application furnished to in the international application, see Box No. I. SELECTION OF THE PROPERTY OF THE PRO
may, within one month from 6. With regard to the drawings, a. the figure of the drawings to be as suggested by the a as selected by this A	d, according to Rule 38.2(b), by this Authority on the date of mailing of this international sead published with the abstract is Figure No. applicant. authority, because the applicant failed to suggestationity, because this figure better characteristics.	gest a figure.

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ G09F9/30,H05B33/10,H05B33/14,H01L29/786,H01L21/288,H01L21/3205

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G09F9/30,H05B33/10-33/28,H01L29/786,H01L21/288,H01L21/3205

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model

Applications 1971-2005, Japanese Registered Utility Model Gazette 1994-2005, Japanese Gazette

Containing the Utility Model 1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X Y	JP 7-312290 A (NEC CORPORATION) 1995.11.28 paragraph [0037]-[0047] , figs. 2-4 & US 5747930 A1 & EP 684753 A1	1,3 2,4-24	
Y	JP 7-333652 A (HITACHI, LTD.) 1995.12.22 whole document (family:none)	2,4-24	
Y /	JP 2003-058077 A (FUJI PHOTO FILM CO., LTD.) 2003.02.28 whole document (family:none)	5-24	
Y	JP 2001-196590 A (SEMICONDUCTOR ENERGY LABORATORY CO., LTD.) 2001.07.19 whole document (family:none)	12-15	

Further documents are listed in the continuation of Box C.				See patent family annex.				
Special categories of cited documents:		"T"	"T" later document published after the international filin					
"A" document defining the general state of the art which is not considered to be of particular relevance		dideistand the principle of theory theory and				MACUTION		
"E" earlier application or patent but published on or after the inter- national filing date		he considered novel of cannot be considered to involve an				involve an		
"L"	is cited to establish the publication date of another citation or other special reason (as specified)			inventive step when the document is taken alone				
ł			"Y"	be considered to involve an inventive step when the document i		gocument is		
"O"			•		combined with one or more other such documents, such combination being obvious to a person skilled in the art			
"P" document published prior to the international filing date but later than the priority date claimed								
Date of the actual completion of the international search		Date of mailing of the international search report						
07.02.2005		01. 3. 2005						
Nam	Name and mailing address of the ISA/JP		Aut	hor	ized officer	2M	9804	
Japan Patent Office		Hajime Kitagawa						
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